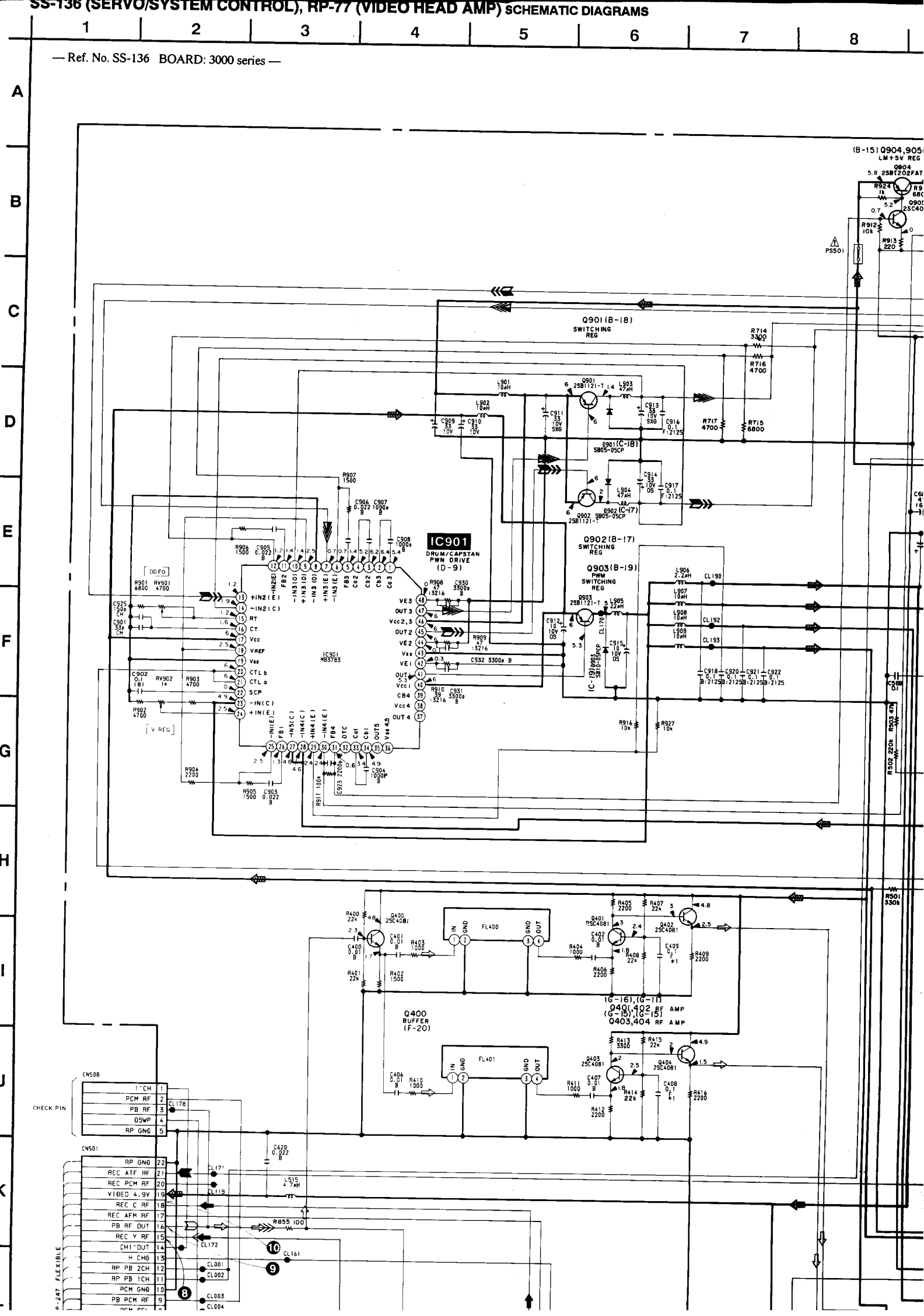
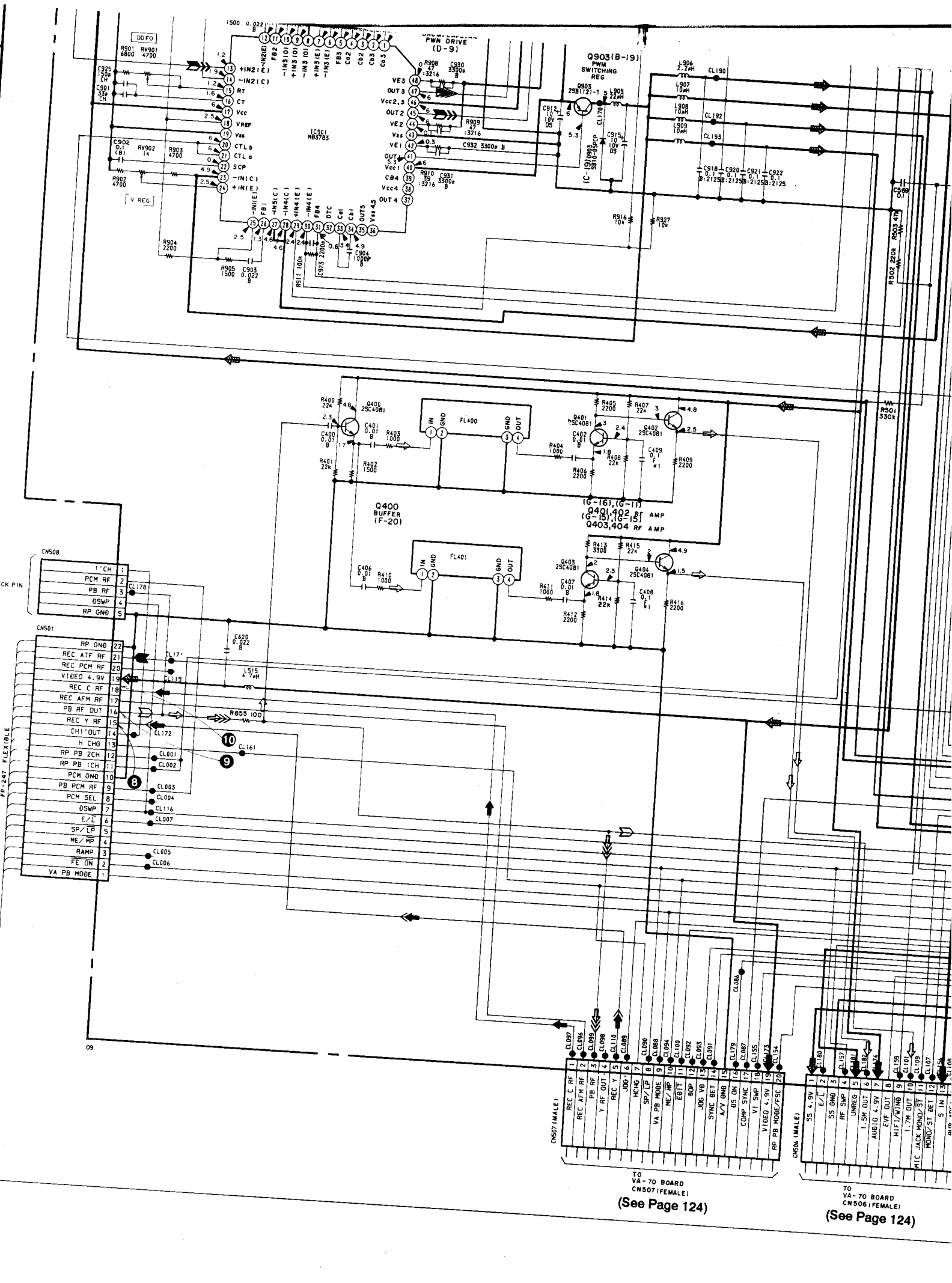
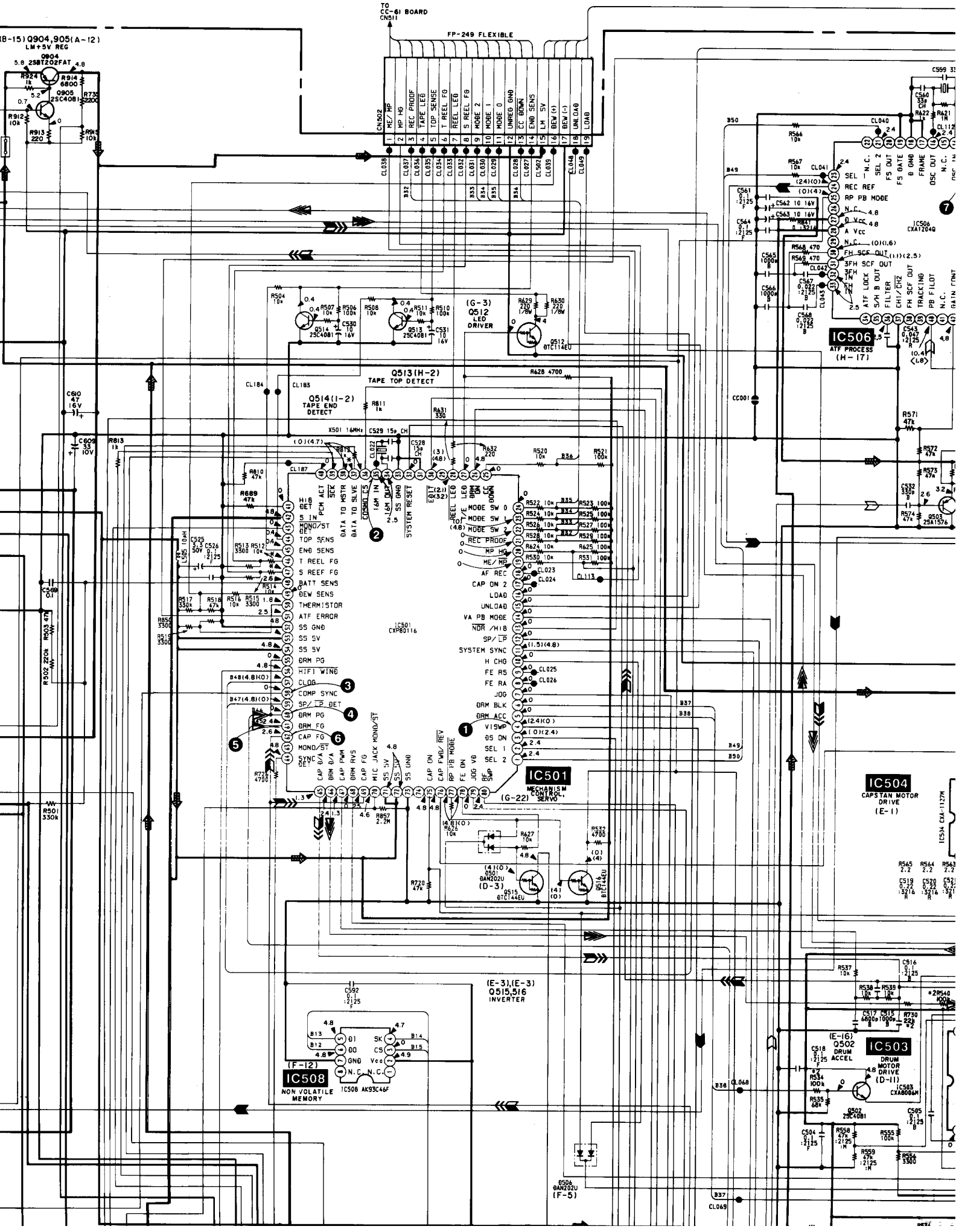
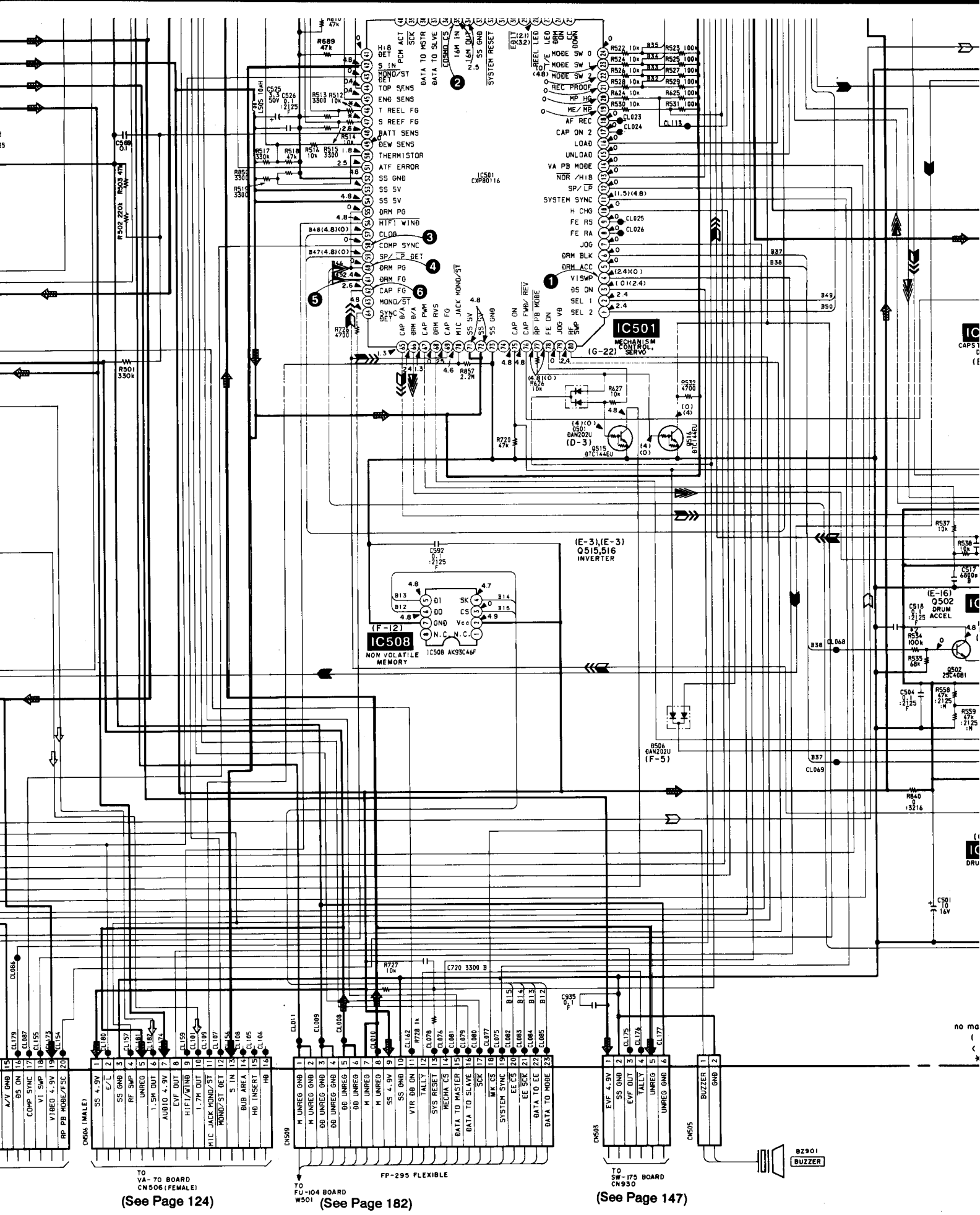
— Ref. No. SS-136 BOARD: 3000 series —

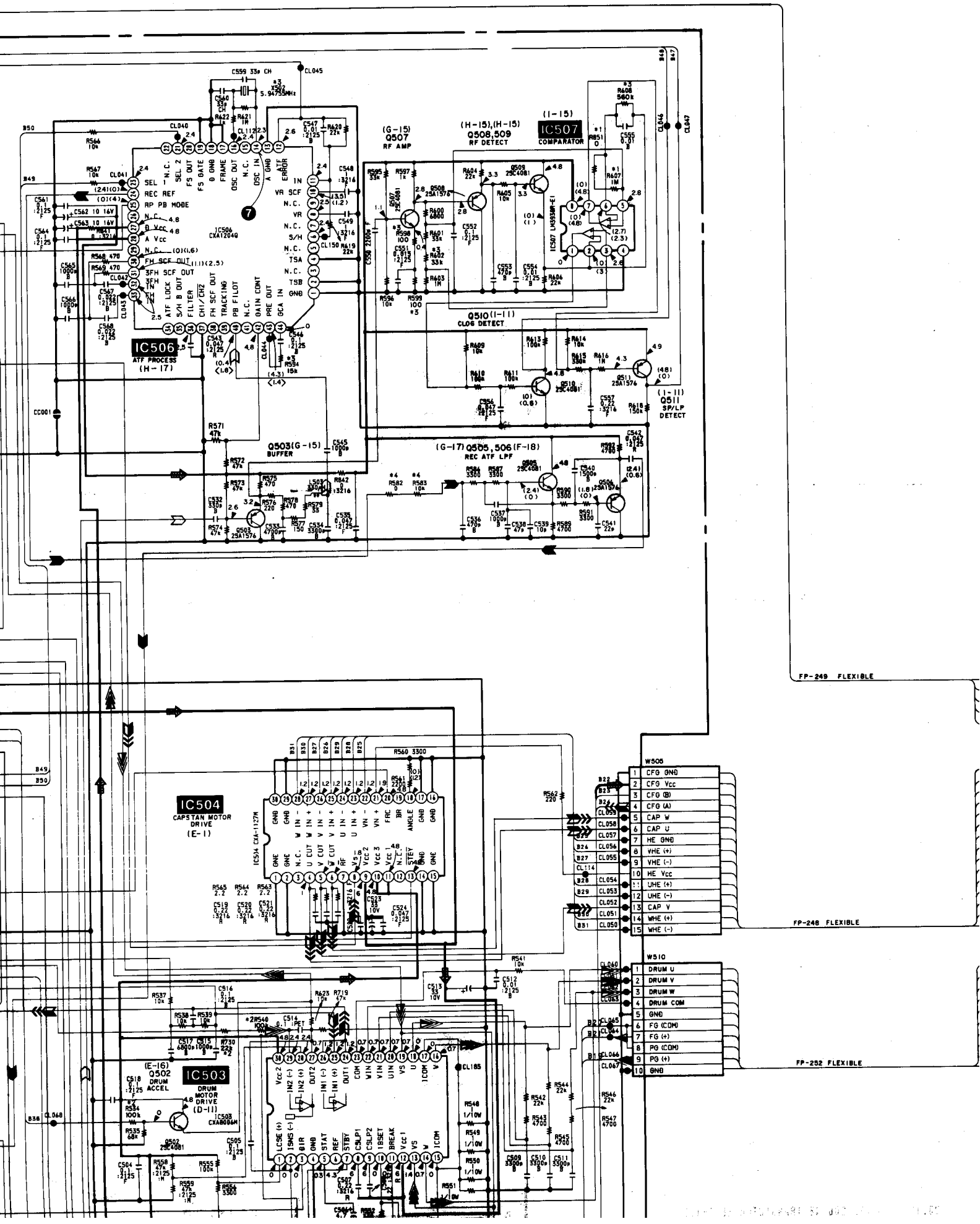


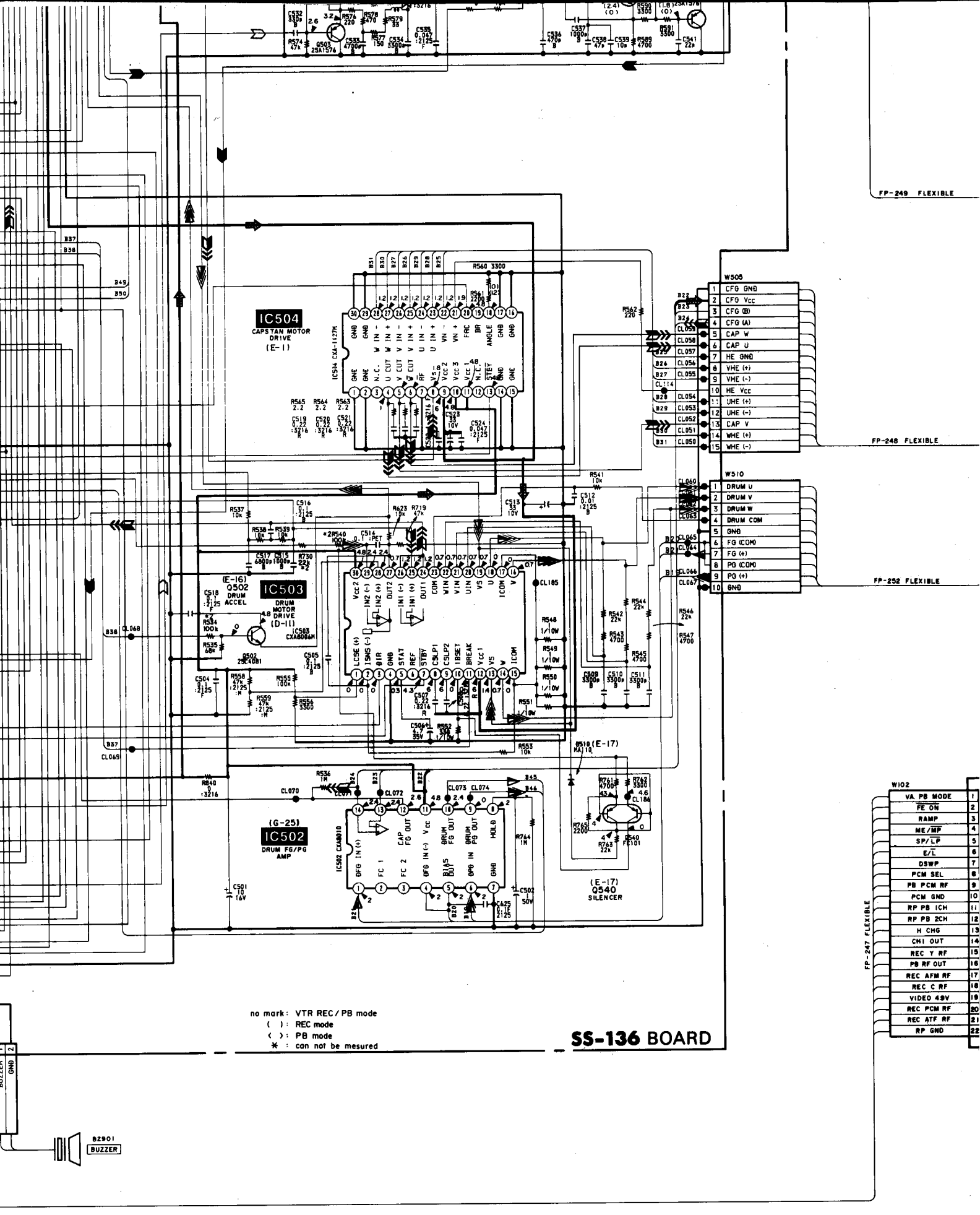

PWM DRIVE (D-9)
Q903(B-19) PWM SWITCHING REG
IC901 MB3785
V REG
Q400 BUFFER (F-20)
FL400
FL401
(G-16),(G-17) Q401,402 RF AMP
(G-15),(G-15) Q403,404 RF AMP
CN508
CN501
FP-247 FLEXIBLE
CN507(MALE)
CN506(MALE)
TO VA-70 BOARD CN507(FEMALE)
(See Page 124)
TO VA-70 BOARD CN506(FEMALE)
(See Page 124)

(See Page 162)


TO CC-61 BOARD CN511
FP-249 FLEXIBLE
CN502
(B-15) Q904,905 (A-12) LM+5V REG
Q904 2SB1202FAT
Q905 2SC4081
Q513 (H-2) TAPE TOP DETECT
Q514 (I-2) TAPE END DETECT
(G-3) Q512 LED DRIVER
Q512 DTC114EU
IC506 CXA1204Q ATF PROCESS (H-17)
IC501 CXP80116 MECHANISM CONTROL SERVO (G-22)
IC504 CAPSTAN MOTOR DRIVE (E-1)
IC503 CXA8006M DRUM MOTOR DRIVE (D-11)
IC508 AK93C46F NON VOLATILE MEMORY (F-12)
(E-3),(E-3) Q515,516 INVERTER
Q501 DAN202U (D-3)
Q502 DRUM ACCEL (E-16)
Q506 DAN202U (F-5)
X501 16MHz
SYSTEM RESET
TAPE TOP DETECT
TAPE END DETECT
LED DRIVER
INVERTER
NON VOLATILE MEMORY
DRUM ACCEL
DRUM MOTOR DRIVE
CAPSTAN MOTOR DRIVE
ATF PROCESS
MECHANISM CONTROL SERVO

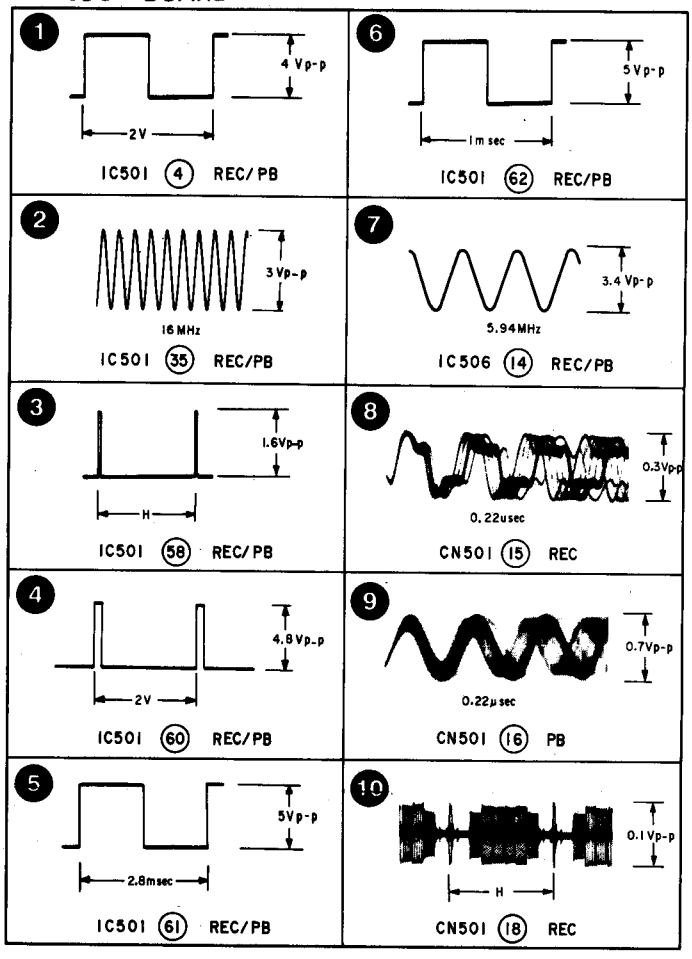

IC501
MECHANISM CONTROL, SERVO
(G-22)
IC508
NON VOLATILE MEMORY
(F-12)
(E-3),(E-3)
Q515,516
INVERTER
(D-3)
(E-16)
Q502
DRUM ACCEL
(F-5)
CN506 (MALE)
TO VA-70 BOARD CN506 (FEMALE)
(See Page 124)
CN509
FP-295 FLEXIBLE
TO FU-104 BOARD W501
(See Page 182)
CN503
CN505
TO SW-175 BOARD CN930
(See Page 147)
BZ901
BUZZER

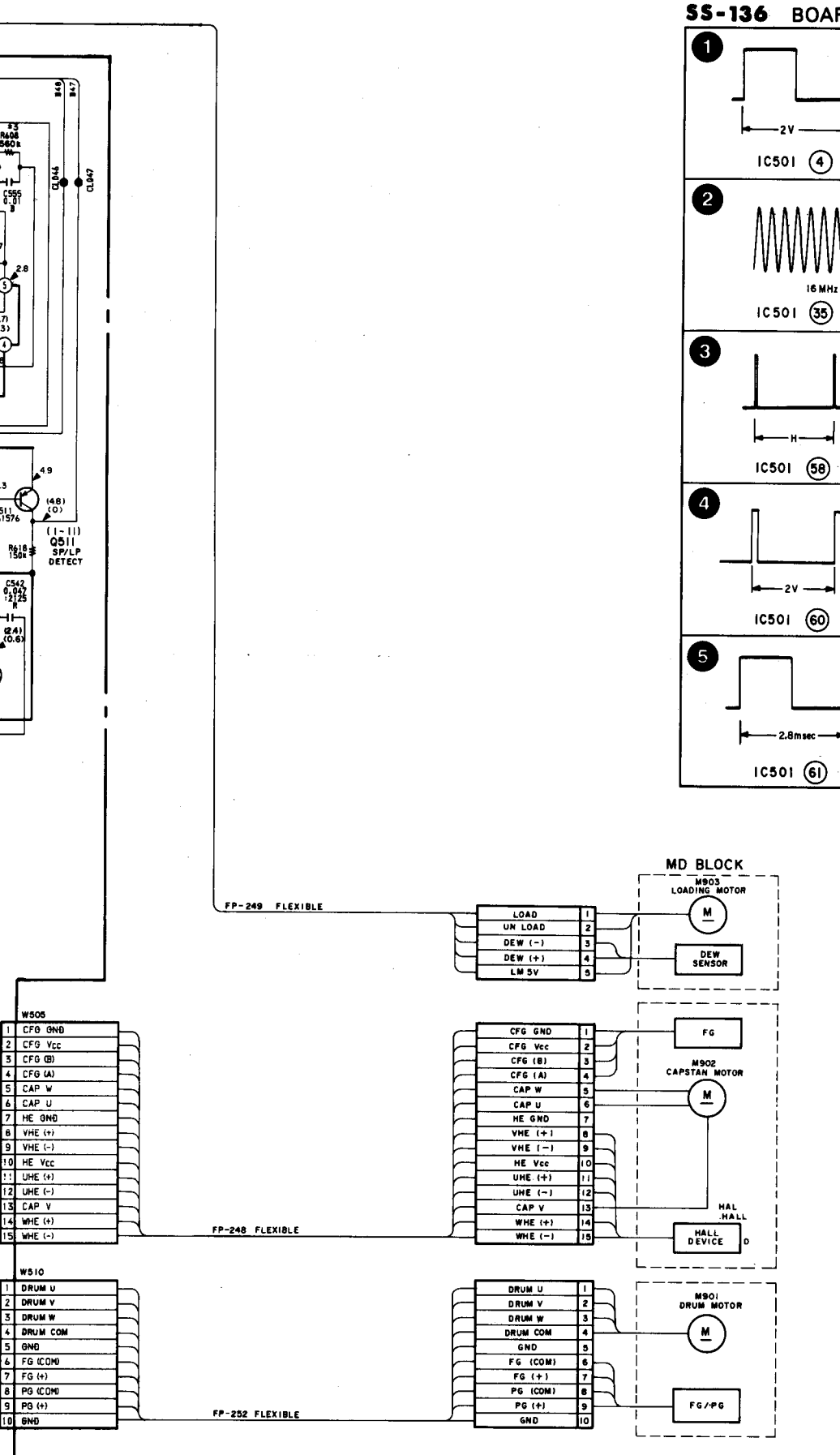

IC506
ATF PROCESS
(H-17)
IC504
CAPSTAN MOTOR DRIVE
(E-1)
IC503
DRUM MOTOR DRIVE
(D-11)
IC507
COMPARATOR
(I-15)
Q503(G-15)
BUFFER
(G-17)Q505,506(F-18)
REC ATF LPF
Q508,509
RF DETECT
(G-15)
Q507
RF AMP
Q510(I-11)
CLOG DETECT
Q511
SP/LP DETECT
(I-11)
Q502
DRUM ACCEL
(E-16)
W505
W510
FP-249 FLEXIBLE
FP-248 FLEXIBLE
FP-252 FLEXIBLE


IC504
CAPSTAN MOTOR DRIVE
(E-1)
IC503
DRUM MOTOR DRIVE
(D-11)
(E-16)
Q502
DRUM ACCEL
IC502
DRUM FG/PG AMP
(G-25)
(E-17)
Q540
SILENCER
W505
CFG GND
CFG Vcc
CFG (B)
CFG (A)
CAP W
CAP U
HE GND
VHE (+)
VHE (-)
HE Vcc
UHE (+)
UHE (-)
CAP V
WHE (+)
WHE (-)
FP-248 FLEXIBLE
W510
DRUM U
DRUM V
DRUM W
DRUM COM
GND
FG (COM)
FG (+)
PG (COM)
PG (+)
GND
FP-252 FLEXIBLE
FP-249 FLEXIBLE
W102
VA PB MODE
FE ON
RAMP
ME/MP
SP/LP
E/L
DSWP
PCM SEL
PB PCM RF
PCM GND
RP PB ICH
RP PB 2CH
H CHG
CHI OUT
REC Y RF
PB RF OUT
REC AFM RF
REC C RF
VIDEO 4.9V
REC PCM RF
REC ATF RF
RP GND
FP-247 FLEXIBLE
BZ901
BUZZER
no mark: VTR REC / PB mode
( ): REC mode
< >: PB mode
* : can not be mesured
SS-136 BOARD

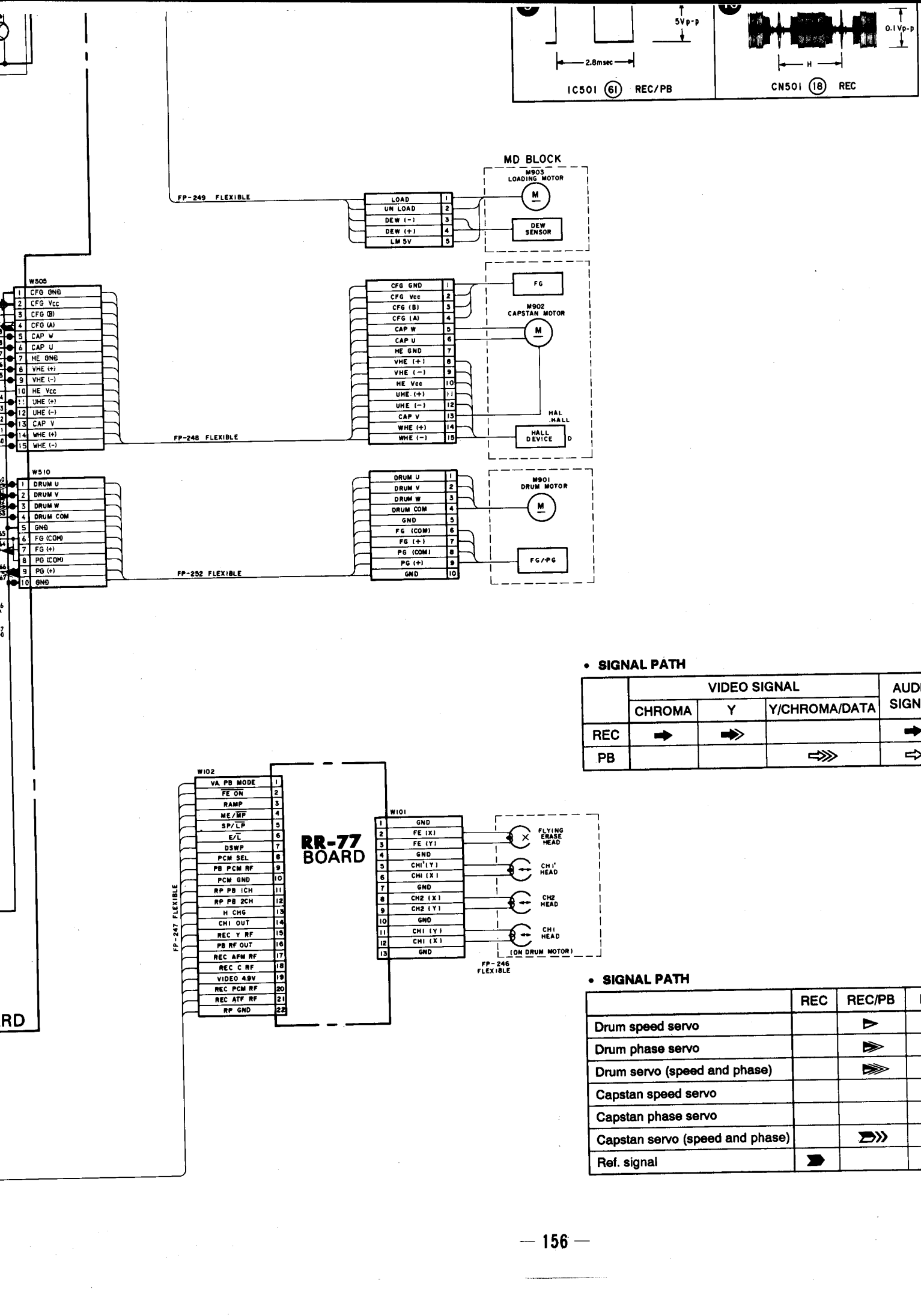
20 | 21 | 22 | 23 | 24 | 25 | 26 | 27

SS-136 BOARD





- **SIGNAL PATH**



- **SIGNAL PATH**

	VIDEO SIGNAL			AUDIO SIGNAL
	CHROMA	Y	Y/CHROMA/DATA	
REC	➡	➡		➡
PB			⇨	⇨

- **SIGNAL PATH**

	REC	REC/PB	PB
Drum speed servo		▷	
Drum phase servo		▷▷	
Drum servo (speed and phase)		▷▷▷	
Capstan speed servo			
Capstan phase servo			
Capstan servo (speed and phase)		▷»	
Ref. signal	▶		▷